

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently amended) A system that maps a first construct of a domain to a second construct of another domain comprising a computer-readable storage medium, comprising the following computer-executable components:
 - a bank that stores at least one of a set of suppress field labels and a set of introduce field labels; and
 - a mapping component that utilizes at least one of a suppress field label and an introduce field label to facilitate mapping the first construct to the second construct.
2. (Currently amended) The system of claim 1, wherein the first construct is a named or an anonymous construct and the second construct is a named or an anonymous construct, and the mapping comprises one of transforming the first named construct to the second named construct; the first named construct to the second anonymous construct; the first anonymous construct to the second named construct; and the first anonymous construct to the second anonymous construct.
3. (Currently amended) The system of claim 1, wherein the first construct is one of a markup language construct, an object oriented language construct, a relational construct and a user interface construct, and the second construct is one of a markup language construct, an object oriented language construct, a relational construct and a ~~use~~ user interface construct.
4. (Currently amended) The system of claim 3, wherein the markup language construct is one of an XML and a CLR construct, the object oriented language construct is one of a C++, a C#, a Java and a Visual Basic construct, and the relational construct is a SQL construct.
5. (Currently amended) The system of claim 1, wherein the mapping is isomorphic.

6. (Previously Presented) The system of claim 1, further comprising a mapping file that provides one or more of a default mapping, a user customized mapping, and a mediating schema that facilitates mapping the first construct to the second construct.
7. (Currently amended) The system of claim 6, wherein the user customized mapping defines a construct structure to suppress and introduce labels.
8. (Currently amended) The system of claim 6, wherein the user customized mapping comprises at least one of an annotating type and an annotating schema.
9. (Currently amended) The system of claim 6, wherein the default mapping is based on one or more of a heuristic, an inference, a probability and machine learning.
10. (Currently amended) The system of claim 6, wherein the mediating schema transforms constructs to an intermediate representation at least one of before, during and after transforming the first construct.
11. (Currently amended) The system of claim 1, wherein the first construct is a complex or a simple construct and the second construct is a complex or a simple construct.
12. (Currently amended) The system of claim 1, wherein the mapping component performs at least one of the following: serializes an instance of the first construct to the second construct; deserializes an instance of the first construct to the second construct; persists the first construct to the second construct; restores the first construct from the second construct; publishes the first construct in the second construct; shreds the first construct from the second construct; and binds the first construct to the second construct.

13. (Original) A method that transforms constructs between domains, comprising:
 - receiving a construct;
 - obtaining a mapping associated with the construct; and
 - employing the mapping to transform the construct from a first domain to a second domain.
14. (Previously Presented) The method of claim 13, further comprising transforming one of a named construct to a different named construct; a named construct to an anonymous construct; an anonymous construct to a different anonymous construct; and an anonymous construct to a named construct.
15. (Currently amended) The method of claim 13, wherein the transformation is lossless.
16. (Currently amended) The method of claim 13, wherein the mapping comprises one or more of a suppress field label, an introduce field label, a default mapping, a user customized mapping, and a mediating schema.
17. (Currently amended) The method of claim 13, wherein the mapping is based on one or more of a heuristic, an inference, a probability and machine learning.
18. (Currently amended) A method that transforms constructs between domains, comprising:
 - providing a construct to transform;
 - retrieving a mapping that facilitates construct transformation; and
 - utilizing the mapping to transform the construct.
19. (Currently amended) The method of claim 18, wherein the mapping comprises at least one of a suppress field label, an introduce field label, a default mapping, a user customized mapping, and a mediating schema.

20. (Currently amended) The method of claim 19, wherein the mediating schema transforms constructs to an intermediate representation at least one of before, during and after transforming the construct.

21. (Currently amended) The method of claim 18, wherein the received construct is a complex or a simple construct and the transformed construct is a complex or a simple construct.

22. (Currently amended) The method of claim 18, wherein the transformation comprises serializing a markup construct to an object construct.

23. (Currently amended) The method of claim 18, wherein the transformation comprises deserializing an object construct to a markup construct.

24. (Currently amended) The method of claim 18, wherein the transformation comprises persisting an object construct to a relational construct.

25. (Currently amended) The method of claim 18, wherein the transformation comprises restoring an object construct from a relational construct.

26. (Currently amended) The method of claim 18, wherein the transformation comprises publishing a markup construct in a relational construct.

27. (Currently amended) The method of claim 18, wherein the transformation comprises shredding a relational construct to markup construct.

28. (Currently amended) The method of claim 18, wherein the transformation comprises binding the received construct to a user interface, the received construct is one of an object construct, a markup construct, a relational construct and a disparate user interface construct.

29. (Currently amended) A computer implemented signal data packet transmitted between two or more computer components that facilitates transforming constructs between domains, comprising the following computer executable components:

at least one of a set of suppress field labels, a set of introduce field labels and a mediating schema that is utilized to transform a first construct to a second construct; and
a component that utilizes a mapping to transform the first construct to the second construct.

30. (Currently amended) A computer readable medium storing computer executable components to facilitate transforming constructs between domains, comprising:

a component that receives a construct to transform;
a component that provides a mapping that facilitates construct transformation; and
a component that utilizes the mapping to transform the construct to a different domain space.

31. (Currently amended) A construct transformation system between domains comprising a computer-readable storage medium, comprising:

computer-executable means for determining a mapping between constructs; and
computer-executable means for employing the mapping to transform a first construct to a second construct.